

WATER SERVICE SIZING GUIDE FOR RESIDENTIAL

- For houses up to 1 ½ bath a ¾ inch water service is acceptable.
- For houses 2 bath up to and including 3 ½ bathrooms, a one inch water service shall be required.
- Houses 4 bathrooms and larger shall be sized according to the following:

Take the value of 9 wsfu (for the first 3 bathrooms) and add the other items (kitchen sink, washer, dishwasher, hose bibs, sinks and any other fixture out side of the bathroom groups). Use table 6-4 and 6-5 to obtain this wsfu value. Regarding the kitchen sink and dishwasher, give them a combined value of 2. If there is a laundry tub, then the washer & laundry tub would have a combined wsfu of 5. Then add up the wsfu of the additional bathrooms (over the first 3).

Example:

4 ½ baths; k.s.w/ dw; washer w/ laundry tub; bar sink; 4 hb's.

First 3 baths =	9
(plus additional shower in master bath) =	2
kitchen group =	2
Laundry group =	5
Bar sink =	1
Additional bathroom =	7.5
Additional ½ bath =	3.5
4 HB's =	<u>5.5</u>
Total =	35.5 wsfu

Note: ¾ meter with 1 1/2" service = 48 wsfu

¾ meter with 2" service = 55 wsfu

- For typical houses with typical front yard setbacks, use the 100ft column of the over 60 psi section of Table 6-5.
- For houses on larger or oversized lots with greater setbacks, get the length from meter to furthest fixture in house, and use that column.
- The initial line size shall be carried to the first manifold where the fixture units are split and/or reduced.

Reference: Appendix L4.1 – L4.3 and Table L-1. See note 1.